

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10509711
Filing Date	2004-09-30
First Named Inventor	Andrew James Goodwin et al.
Art Unit	1792
Examiner Name	Arancibia M. Gramaglia
Attorney Docket Number	071049.00039

U.S. PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	4212719		1980-07-15	Osada et al.	
	2	4582746		1986-04-15	Shirahata et al.	
	3	4588641		1986-05-13	Haque et al.	
	4	4929319		1990-05-29	Dinter et al.	
	5	5026463		1991-06-25	Dinter et al.	
	6	5110618		1992-05-05	Faust	
	7	5340454		1994-08-23	Schaefer et al.	
	8	5366770		1994-11-22	Wang	

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	9	5543017		1996-08-06	Uchiyama et al.	
	10	5835677		1998-11-10	Li et al.	
	11	5876753		1999-03-02	Timmons et al.	
	12	5944901		1999-08-31	Landes et al.	
	13	6086710		2000-07-11	Miyashita et al.	
	14	6285032		2001-09-04	Hahne et al.	
	15	6331689		2001-12-18	Branston et al.	
	16	6368665		2002-04-09	Hunt et al.	
	17	6396214		2002-05-28	Grosse et al.	
	18	6613394		2003-09-02	Kuckertz et al.	
	19	6705127		2004-03-16	Cain et al.	

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20	6746721		2004-06-08	Moser	
21	6800336		2004-10-05	Fornsel et al.	

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	1	20010020448		2001-09-13	Vaartstra et al.	
	2	20020015797		2002-02-07	Hunt et al.	
	3	20020129902		2002-09-19	Babayan et al.	
	4	20020192057		2002-12-19	Meulen	
	5	20040050685		2004-03-18	Yara et al.	
	6	20040022945		2008-08-07	Goodwin et al.	
	7	20050158480		2005-07-21	Goodwin et al.	

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8	20050214476		2005-09-29	Goodwin et al.	
9	20050241582		2005-11-03	Dobbyn et al.	
10	20070166479		2007-07-19	Drake et al.	
11	20080118734		2008-05-22	Goodwin et al.	

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FOREIGN PATENT DOCUMENTS

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	1	19924108	DE		2000-11-30	Schneider et al.		<input type="checkbox"/>
	2	19742619	DE		1999-01-28	Branston et al.		<input type="checkbox"/>
	3	0431951	EP	B1	1990-02-07	Horiike et al.		<input type="checkbox"/>
	4	0617142	EP	A1	1994-09-28	Koinuma et al.		<input type="checkbox"/>
	5	1326718	EP	B2	2002-11-04	Andrew Goodwin		<input type="checkbox"/>

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6	2000-192261	JP		2000-07-11	Seiko Epson Corp.		<input type="checkbox"/>
7	2000-319427	JP		2000-11-21	Konica Corp.		<input type="checkbox"/>
8	2001-087643	JP		2001-04-03	Pearl Kogyo KK		<input type="checkbox"/>
9	07-062546	JP		1995-03-07	Okuno et al.		<input type="checkbox"/>
10	07-138761	JP		1995-05-30	Res. Dev. Corp of Japan		<input type="checkbox"/>
11	07-328427	JP		1995-12-19	Matsushita Electric Co. Ltd.		<input type="checkbox"/>
12	08-078529	JP		1996-03-22	Seiko Epson Corp.		<input type="checkbox"/>
13	10-275698	JP		1998-10-13	Miyashita et al.		<input type="checkbox"/>
14	19955880	DE		2001-05-23	Lange et al.		<input type="checkbox"/>
15	EP0896035	EP		1992-02-10	Timmons		<input checked="" type="checkbox"/>
16	GB2326165	GB		1998-12-16	Hodgkin et al.		<input type="checkbox"/>

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17	GB2252559	GB		1992-08-12	Hare et al.		<input type="checkbox"/>
18	JP2002057440	JP		2002-02-22	Uehara et al.		<input type="checkbox"/>
19	JP62227905	JP		1987-10-06	Masayuki		<input checked="" type="checkbox"/>
20	9518249	WO		1995-07-06	Miyakawa et al.		<input type="checkbox"/>
21	9905358	WO		1999-02-04	Sayers		<input type="checkbox"/>
22	9906204	WO		1999-02-11	Bolte et al.		<input type="checkbox"/>
23	9966096	WO		1999-12-23	Branston et al.		<input type="checkbox"/>
24	0138596	WO		2001-05-31	Lange et al.		<input type="checkbox"/>
25	0140359	WO		2001-06-07	Goodwin et al.		<input type="checkbox"/>
26	0159809	WO		2001-08-16	Herbert et al.		<input type="checkbox"/>
27	0240742	WO		2002-05-23	Yara et al.		<input type="checkbox"/>

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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	English language Abstract for DE19742619 extracted from espacenet.com database dated 1/18/2007.	<input type="checkbox"/>
	2	English language Abstract for JP62227905.	<input type="checkbox"/>
	3	"Plasma Spray Synthesis Of Nanomaterial Powders And Deposits", J. Karthikeyan et al., Materials Science & Engineering A238, (1997) Pages 275-286.	<input type="checkbox"/>
	4	"Synthesis of Plasma-Polymerized Tetraethoxysilane And Hexamethyldisiloxane Films Prepared By Atmospheric Pressure Glow Discharge", Yasushi Sawada et al. Phys. D: Appl. Phys. 28 (1995) pages 1661-1669.	<input type="checkbox"/>
	5	"Generation of Large-Volume, Atmospheric-Pressure, Nonequilibrium Plasmas", E. E. Kunhardt, IEE Transactions on Plasma Science, Vol. 28, No. 1, February 2000, Pages 189-200."	<input type="checkbox"/>
	6	"Plasma-Assisted Deposition At Atmospheric Pressure", Jürgen Salge, Surface & Coatings Technology 80 (1996) Pages 1-7.	<input type="checkbox"/>
	7	"Plasma-Enhanced Chemical-Vapour-Deposition Of Thin Films By Corona Discharge At Atmospheric Pressure", R. Thyen et al., Surface & Coatings Technology 97 (1997) Pages 426-434.	<input type="checkbox"/>
	8	"Atmospheric Pressure Plasmas: A Review", Claire Tendero et al., Spectrochimica Acta Part B, (2005) Pages 1-16.	<input type="checkbox"/>
	9	"Experimental And Theoretical Study Of A Glow Discharge At Atmospheric Pressure Controlled By Dielectric Barrier", Francoise Massines et al., Journal Of Applied Physics, Volume 83, Number 6, March 15, 1998, Pages 2950 -2956.	<input type="checkbox"/>

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10	"Stable Glow Plasma At Atmospheric Pressure", S. Kanazawa et al., J. Phys. D: Appl. Phys. 21 (1988) Pages 838-840.	<input type="checkbox"/>
11	"Application Of Atmospheric Pressure Dielectric Barrier Discharges In Deposition, Cleaning And Activation", O. Goossens et al, Surface & Coatings Technology, 142-144 (2001) 474-481.	<input type="checkbox"/>
12	Plasma Dictionary; Term: GLOW DISCHARGE extracted from http://plasmadictionary.llnl.gov/terms/lasso?MaxRecords=1&SkinRecords=1&Sort , dated 11/13/2006.	<input type="checkbox"/>
13	The Cassell Paperback English Dictionary, Cassell Publishers Limited 1990, pages "Infusionism – Ink".	<input type="checkbox"/>
14	Concise Science Dictionary, Second Edition, Oxford University Press, 1991, pages 166-167 and 570-571.	<input type="checkbox"/>
15	"Neus Primerverfahren für Metalloberflächen zur nachfolgenden UV-Lackierung"; Bolte et al., Coatings 02/1998, pages 38-40.	<input type="checkbox"/>
16	"Translation of "Neus Primerverfahren für Metalloberflächen zur nachfolgenden UV-Lackierung" (New Primer Process For Metallic Surfaces For Subsequent UV Lacquering), Bolte et al. 5 pages.	<input type="checkbox"/>
17	"Glow Discharge Plasma At Atmospheric Pressure And Its Application", S. Okazaki et al. Proc. Jpn. Symp. Plasma Chem./ Vol 2. 1989, pages 95-102."	<input type="checkbox"/>
18	"The Improvement Of The Atmospheric-Pressure Glow Plasma Method And The Deposition Of Organic Films", T. Yokoyama et al., J. Phys. D: Appl. Phys. 23, 1990, Pages 374-377.	<input type="checkbox"/>
19	"The DC Glow Discharge At Atmospheric Pressure", O. Goossens et al., IEEE Transactions On Plasma Science, Vol. 30, February 1, 2002, Pages 176-177.	<input type="checkbox"/>
20	"Gas Breakdown in an Atmospheric Pressure Radio Frequency Capacitive Plasma Source ", Park et al., Journal of Applied Physics, Vol. 89, No. 1, January 2001.	<input type="checkbox"/>

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21	"Industrial Plasma Engineering", J.R. Roth, Institute of Physics, London (2001), pgs. 55-58.	<input type="checkbox"/>
22	English language translation of Japanese Publication No. 10-275698, publication date 10/13/1998, 34 pages.	<input type="checkbox"/>
23	English Translation and Abstract for JP08-078529, March 22, 1996, 31 pages	<input type="checkbox"/>
24	English Translation and Abstract for JP07-328427, December 19, 1995, 15 pages.	<input type="checkbox"/>
25	English Translation and Abstract for JP07-062546, March 7, 1995, 10 pages.	<input type="checkbox"/>
26	English Translation and Abstract for JP07-138761, May 30, 1995, 6 pages.	<input type="checkbox"/>
27	English Translation and Abstract for JP2001-087643, April 3, 2001, 14 pages.	<input type="checkbox"/>
28	English Translation and Abstract for JP2000-319427, November 21, 2001, 24 pages.	<input type="checkbox"/>
29	English Translation and Abstract for JP2000-192261, July 11, 2000, 13 pages.	<input type="checkbox"/>
30	KANAZAWA et al., "Glow Plasma Treatment At Atmospheric Pressure For Surface Modification And Film Deposition", Nuclear Instruments and Methods in Physics Research, 1989, pages 842-845.	<input type="checkbox"/>
31	Schutze et al. "The Atmospheric-Pressure Plasma Jet: A Review and Comparison...", IEEE Trans on Plasma Science, Vol. 26, No. 6, 1998, Pages 1685-1694.	<input type="checkbox"/>

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